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Spread spectrum communication system

Application Number	97102052	Application Date	1997.01.22
Publication Number	1188084	Publication Date	1997.11.26
Priority Information	JP145560/96(1996/5/20)		
International Classification	H04B 1/89		
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Abstract			

In the present spread spectrum communication equipment there are some problems that needing complicated debatching control for variable speed transmission and different speed transmission or increasing the hardware scale and the consum electricity. Low rate data D1-D4 and middle rate data D5 and D6 are time division multiplexed independently according to their rates by a time division multiplexer TDMA1 (110) so that their rates are converted into the rate of high rate data D7 and D8 which are not passed through the time division multiplexer TDMA1 (110). Subsequently the entire data are converted into biorthogonal signals by biorthogonal signal generators BORTs (121, 122, 125), and code division multiplexed by a code division multiplexer CDMA (130). The code division multiplexed signal undergoes modulation by a spreading modulator and a carrier modulator, and transmitted.

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